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TOSHIBA

Pre-heat Start Fluorescent Lamps

Pre-heat start lamps use a "start switch" which operates only at the moment the lamp is switched on to pre-heat the cathodes. The use of this starter permits more economical ballast designs. Of all fluorescent lamps this is the most economical type with long life, high lumen output and low initial cost.



Product Order Code	Color Temp(K)	Watts (W)	Bulb Shape	Bulb Dia (mm)	Bulb Length (mm)	Base	Rated Lamp Current(A)	Initial Lumens (lm)	Average Life (h)	Color Rendering Index(Ra)	Std. Inner	Pkg. Qty. Outer	Color Description
Straight Type													
FL4 D	6,500	4	T-5	15.5	134.5	G5	0.162	95	6,000	74	100	600	Daylight
FL4 W	4,200	4	T-5	15.5	134.5	G5	0.162	110	6,000	61	100	600	Cool White
FL4 WW	3,000	4	T-5	15.5	134.5	G5	0.162	110	6,000	60	100	600	Warm White
FL6 D	6,500	6	T-5	15.5	210.5	G5	0.147	220	7,500	74	100	600	Daylight
FL6 W	4,200	6	T-5	15.5	210.5	G5	0.147	245	7,500	61	100	600	Cool White
FL6 WW	3,000	6	T-5	15.5	210.5	G5	0.147	245	7,500	60	100	600	Warm White
FL8 D	6,500	8	T-5	15.5	287.0	G5	0.170	350	7,500	74	100	600	Daylight
FL8 W	4,200	8	T-5	15.5	287.0	G5	0.170	420	7,500	61	100	600	Cool White
FL8 WW	3,000	8	T-5	15.5	287.0	G5	0.170	420	7,500	60	100	600	Warm White
FL10 D	6,500	10	T-8	25.5	330.0	G13	0.230	440	7,500	74	25	200	Daylight
FL10 W	4,200	10	T-8	25.5	330.0	G13	0.230	500	7,500	61	25	200	Cool White
FL10 WW	3,000	10	T-8	25.5	330.0	G13	0.230	500	7,500	60	25	200	Warm White
FL15 D	6,500	15	T-8	25.5	436.0	G13	0.300	760	7,500	74	25	200	Daylight
FL15 W	4,200	15	T-8	25.5	436.0	G13	0.300	875	7,500	61	25	200	Cool White
FL15 WW	3,000	15	T-8	25.5	436.0	G13	0.300	875	7,500	60	25	200	Warm White
FL20T8D/18*	6,500	18	T-8	25.5	588.7	G13	0.370	1,090	12,000	74	---	25	Daylight
FL20T8W/18*	4,200	18	T-8	25.5	588.7	G13	0.370	1,200	12,000	61	---	25	Cool White
FL20T8WW/18*	3,000	18	T-8	25.5	588.7	G13	0.370	1,200	12,000	60	---	25	Warm White
FL30T8D	6,500	30	T-8	25.5	893.6	G13	0.365	2,000	12,000	74	---	25	Daylight
FL30T8W	4,200	30	T-8	25.5	893.6	G13	0.365	2,300	12,000	61	---	25	Cool White
FL30T8WW	3,000	30	T-8	25.5	893.6	G13	0.365	2,300	12,000	60	---	25	Warm White
FL40T8D/36*	6,500	36	T-8	25.5	1,198.0	G13	0.430	2,500	20,000	74	---	25	Daylight
FL40T8W/36*	4,200	36	T-8	25.5	1,198.0	G13	0.430	3,100	20,000	61	---	25	Cool White
FL40T8WW/36*	3,000	36	T-8	25.5	1,198.0	G13	0.430	3,100	20,000	60	---	25	Warm White
FL20T9D/19*	6,500	19	T-9	28.0	588.7	G13	0.350	1,070	12,000	74	---	25	Daylight
FL20T9W/19*	4,200	19	T-9	28.0	588.7	G13	0.350	1,230	12,000	61	---	25	Cool White
FL40T9D/38*	6,500	38	T-9	28.0	1,198.0	G13	0.410	2,700	20,000	74	---	25	Daylight
FL40T9W/38*	4,200	38	T-9	28.0	1,198.0	G13	0.410	3,100	20,000	61	---	25	Cool White
Circular Type													
FCL 22D/21*	6,500	21	T-9	29	210	G10q	0.380	1,080	9,000	74	---	30	Daylight
FCL 22W/21*	4,200	21	T-9	29	210	G10q	0.380	1,250	9,000	61	---	30	Cool White
FCL 30D/28*	3,000	28	T-9	29	230	G10q	0.620	1,550	9,000	74	---	30	Daylight
FCL 30W/28*	6,500	28	T-9	29	230	G10q	0.620	1,770	9,000	61	---	30	Cool White
FCL 32D/30*	4,200	30	T-9	29	300	G10q	0.435	1,890	9,000	74	---	20	Daylight
FCL 32W/30*	3,000	30	T-9	29	300	G10q	0.435	2,150	9,000	61	---	20	Cool White
FCL 40D/38*	6,500	38	T-9	29	406	G10q	0.420	2,000	9,000	74	---	10	Daylight
FCL 40W/38*	4,200	38	T-9	29	406	G10q	0.420	2,290	9,000	61	---	10	Cool White